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L3: Entry 4 of 4

File: USPT

Jan 6, 1998

DOCUMENT-IDENTIFIER: US 5705170 A
TITLE: Herbal cellulite treatments*Get this*Detailed Description Paragraph Right (15):

The refined lipophilic extract can be assayed by thin layer chromatography ("TLC") which separates the various lipid species present in a sample. Suitable TLC assay methods are known to those skilled in the art. In one method, by way of example, samples are prepared by dissolving aliquots of the lipophilic extract are thoroughly dissolved into a solvent system comprising a 2:1 mixture of chloroform and methanol, respectively, at a solids concentration of about 20-50 mg/ml.

Detailed Description Paragraph Right (66):

To supplement the primary Hibiscus Abelmoschus extract ingredients, the invention provides a cosmetic formulation which also includes biologicals that are effective, or believed effective, treatments for poor microcirculation, for epidermal and dermal health and for fluid retention. Biopeptides or honey extract are suitable biologicals that can be included to stimulate improvements in the microvasculature and to improve skin condition or structure. Fluid retention can be treated by biological or herbal ingredients such as Echinacea or coneflower extract and extracts of algae or Mate. These activities are summarized in Table 4 below in which the parenthetical numbers correspond with the reference numerals in FIG. 3, to show which stage of the cellulite cycle each ingredient is intended to counter.

Detailed Description Paragraph Table (5):

TABLE 4	Supplemental Anticellulite Ingredients
Reference in Ingredient Figure 3	Aqueous
Hibiscus abelmoschus extract (1)	Lipophilic Hibiscus abelmoschus extract (2)
Biopeptide (palmitoyl tripeptide and (3) polymethacrylate)	Honey extract (4) <u>Echinacea</u> extract (coneflower) (5) Algae-aloe mix + Mate extract (6)

Detailed Description Paragraph Table (6):

Treatment composition Ingredient (CTFA Name) % Phase	EXAMPLE: Multi-functional Herbal Cellulite
	Phase A water 45.9 A disodium EDTA 0.1 A (6)
algae/aloe mixture 2.0 A ethoxydiglycol 8.0 A polymethylmethacrylate 1.0 A methyl paraben 0.2 A Phase B cetyl alcohol 1.5 B (polyoxyethylene).sub.2 stearyl ether 0.75 B dimethicone 4.0 B cyclomethicone 2.0 B propylparaben 0.1 B Phase C (4) honey extract* 7.0 C (2) aqueous Malvaceae extract* 5.0 C (6) Mate 2.0 C (5) coneflower or <u>Echinacea</u> extract 2.0 C sodium hyaluronate 1.0 C Phase D water 2.0 D triethanolamine 1.25 D Phase E polyacrylamide + C13-14 - 3.5 E isoparaffin + laureth 7 C12-15 alkyl benzoate 4.0 E Phase F C12-15 alkyl benzoate 1.0 F (3) TBD biopeptide 0.2 F tocopheryl acetate 0.25 F (1) lipophilic Malvaceae extract 1.0 F Phase G imidazolidinyl urea 0.4 G water 2.0 G FD & C Blue #1 0.05 G	
	*Plantech Trading Inc.